Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033024\
Data File : BN030533.D
Acq On : 29 Mar 2024 16:33
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 29 23:23:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 23:21:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.704	152	5348	0.400	ng		0.00
7) Naphthalene-d8	10.485	136	15857	0.400	ng		0.00
13) Acenaphthene-d10	14.338	164	8500	0.400	ng		0.00
19) Phenanthrene-d10	17.090	188	19388	0.400	ng		0.00
29) Chrysene-d12	21.285	240	17242	0.400	ng		0.00
35) Perylene-d12	23.527	264	17264	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.299	112	2289	0.205	ng		0.00
5) Phenol-d6	6.873	99	2828	0.203	ng		0.00
8) Nitrobenzene-d5	8.852	82	2128	0.201	ng		0.00
11) 2-Methylnaphthalene-d10	12.081	152	4771	0.203	ng		0.00
14) 2,4,6-Tribromophenol	15.836	330	557	0.198	ng		0.00
15) 2-Fluorobiphenyl	12.969	172	6875	0.207	ng		0.00
27) Fluoranthene-d10	19.126	212	9972	0.202	ng		0.00
31) Terphenyl-d14	19.735	244	7800	0.198	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.233	88	1475	0.218	ng		94
3) n-Nitrosodimethylamine	3.551	42	1200	0.202	ng	#	98
6) bis(2-Chloroethyl)ether	7.141	93	2917	0.204	ng		98
9) Naphthalene	10.539	128	8890	0.206	ng		98
10) Hexachlorobutadiene	10.827	225	1855	0.207	ng	#	99
12) 2-Methylnaphthalene	12.157	142	5673	0.203	ng		97
16) Acenaphthylene	14.060	152	7244	0.203	ng		99
17) Acenaphthene	14.402	154	5218	0.204	ng		98
18) Fluorene	15.396	166	6755	0.203	ng		99
20) 4,6-Dinitro-2-methylph...	15.471	198	326	0.181	ng	#	45
21) 4-Bromophenyl-phenylether	16.283	248	2292	0.203	ng		98
22) Hexachlorobenzene	16.395	284	2841	0.206	ng		99
23) Atrazine	16.556	200	1520	0.196	ng		95
24) Pentachlorophenol	16.742	266	639	0.187	ng		99
25) Phenanthrene	17.127	178	11368	0.204	ng		99
26) Anthracene	17.227	178	8798	0.199	ng		100
28) Fluoranthene	19.154	202	12886	0.199	ng		100
30) Pyrene	19.521	202	13249	0.201	ng		100
32) Benzo(a)anthracene	21.267	228	11329	0.196	ng		99
33) Chrysene	21.321	228	13007	0.200	ng		100
34) Bis(2-ethylhexyl)phtha...	21.213	149	4787	0.203	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.796	276	14369	0.200	ng		99
37) Benzo(b)fluoranthene	22.855	252	13186	0.196	ng	#	92
38) Benzo(k)fluoranthene	22.896	252	13370	0.197	ng	#	92
39) Benzo(a)pyrene	23.428	252	10247	0.195	ng	#	89
40) Dibenzo(a,h)anthracene	25.814	278	11335	0.199	ng		96
41) Benzo(g,h,i)perylene	26.486	276	12687	0.203	ng		98

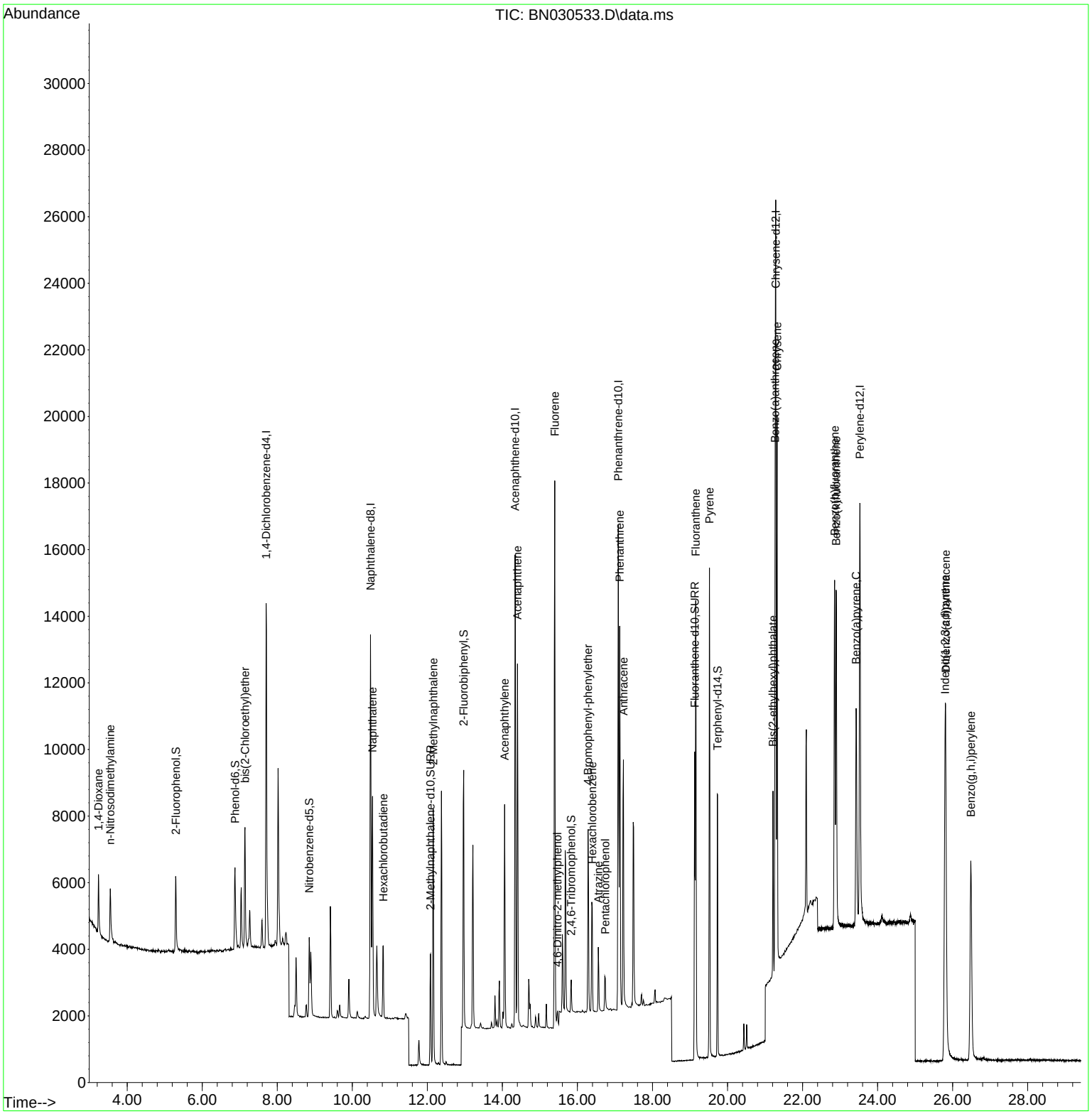
(#) = qualifier out of range (m) = manual integration (+) = signals summed

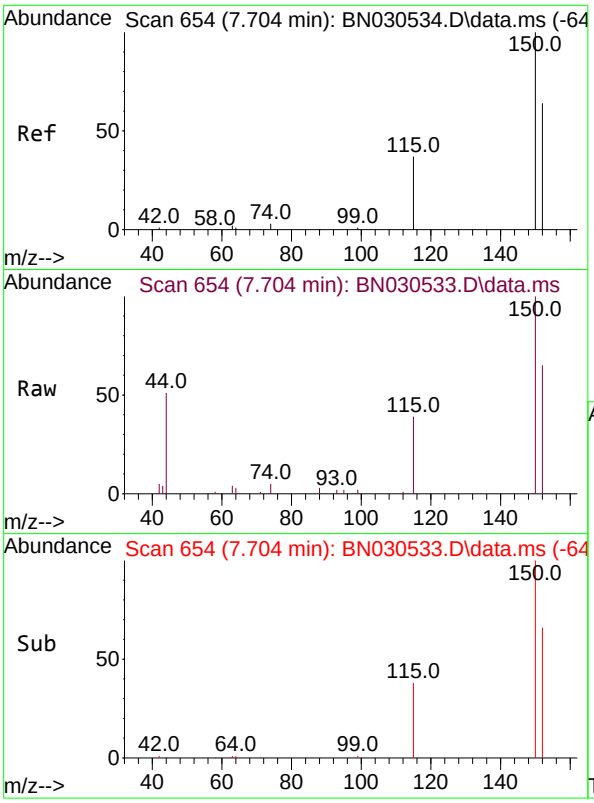
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033024\
Data File : BN030533.D
Acq On : 29 Mar 2024 16:33
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 29 23:23:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 23:21:18 2024
Response via : Initial Calibration



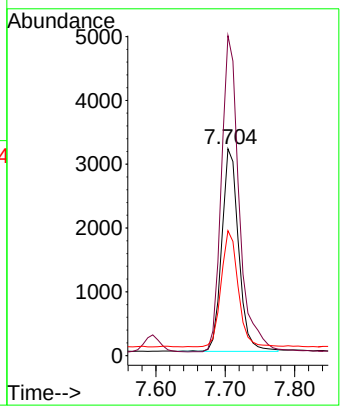


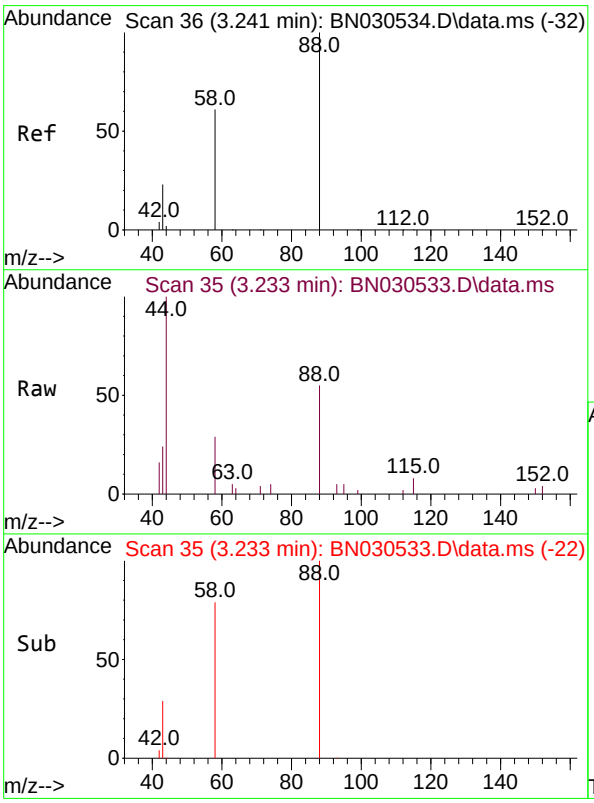
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.704 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5348

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.2	186.4
115	60.4	48.6	72.8

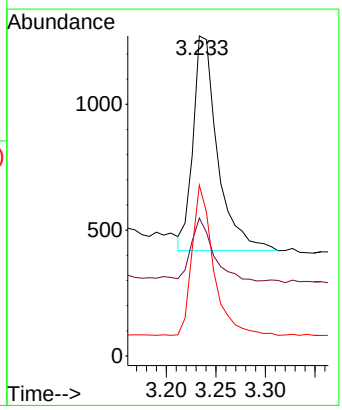


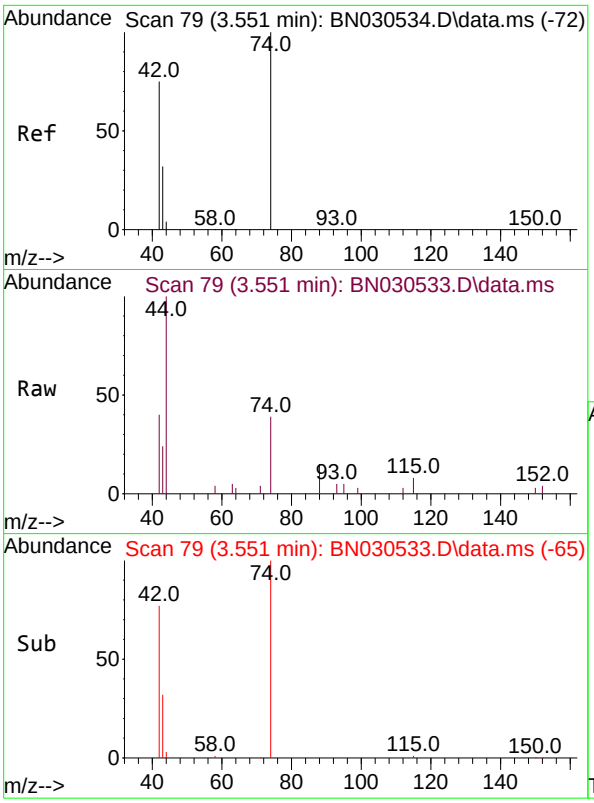


#2
1,4-Dioxane
Concen: 0.218 ng
RT: 3.233 min Scan# 35
Delta R.T. -0.007 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Tgt Ion: 88 Resp: 1475

Ion	Ratio	Lower	Upper
88	100		
43	25.8	21.9	32.9
58	60.8	53.4	80.2



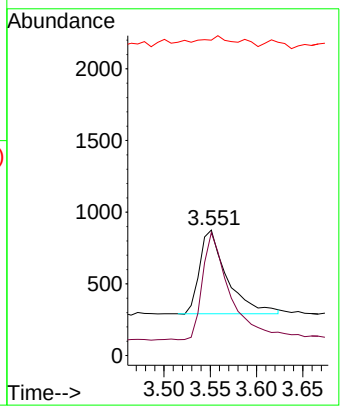


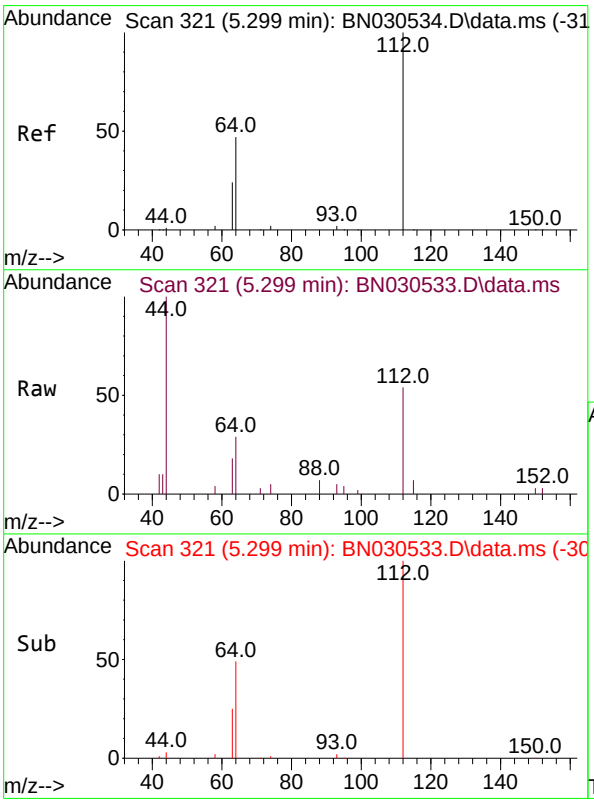
#3
n-Nitrosodimethylamine
Concen: 0.202 ng
RT: 3.551 min Scan# 79
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1200

Ion	Ratio	Lower	Upper
42	100		
74	127.8	100.9	151.3
44	9.9	5.8	8.6#

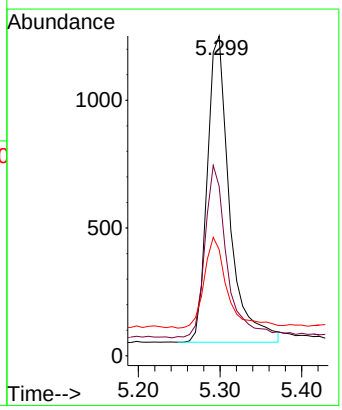


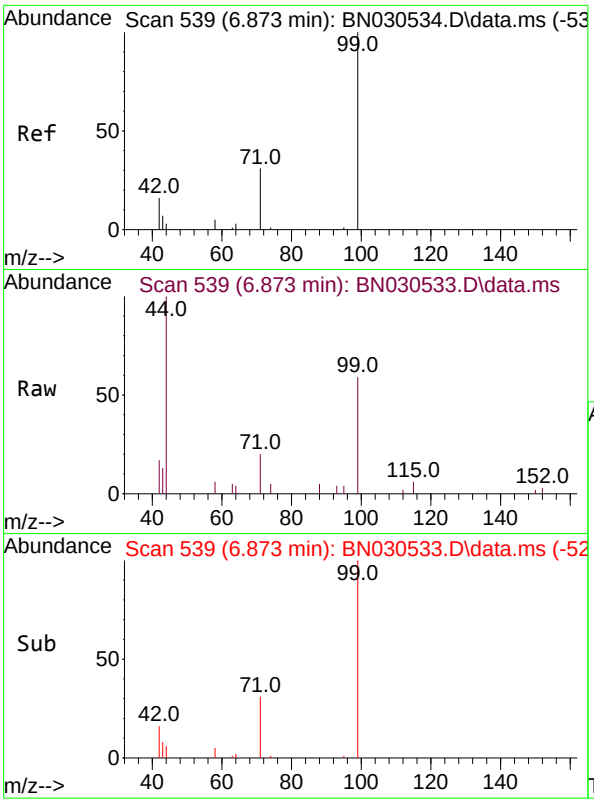


#4
2-Fluorophenol
Concen: 0.205 ng
RT: 5.299 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Tgt Ion:112 Resp: 2289

Ion	Ratio	Lower	Upper
112	100		
64	55.4	43.2	64.8
63	30.5	22.5	33.7



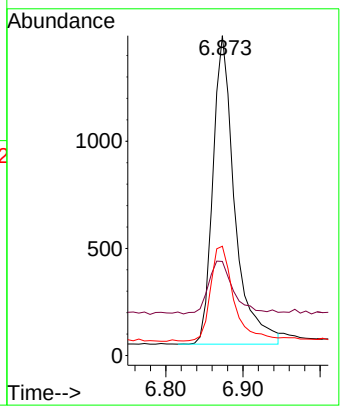


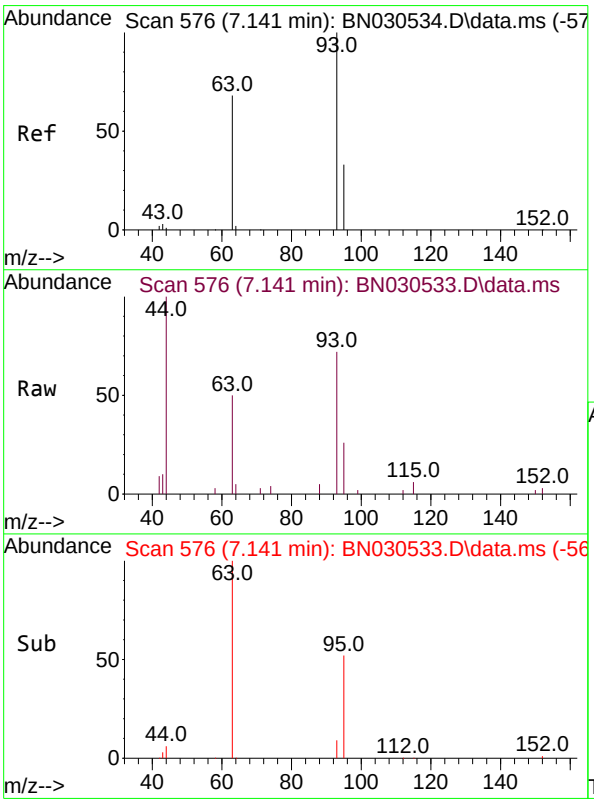
#5
Phenol-d6
Concen: 0.203 ng
RT: 6.873 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 2828

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.8	23.6
71	32.8	25.9	38.9

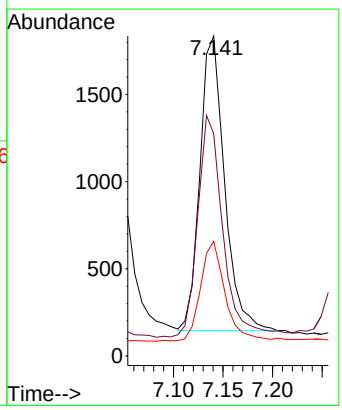


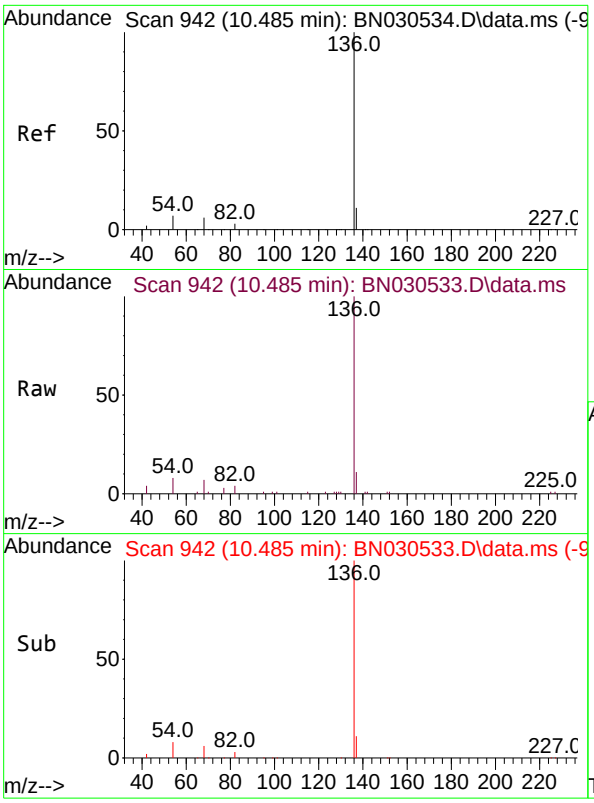


#6
bis(2-Chloroethyl)ether
Concen: 0.204 ng
RT: 7.141 min Scan# 576
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Tgt Ion: 93 Resp: 2917

Ion	Ratio	Lower	Upper
93	100		
63	77.7	60.5	90.7
95	34.4	27.5	41.3



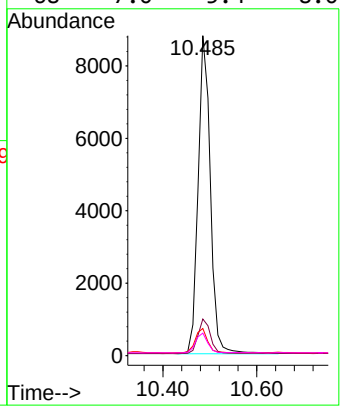


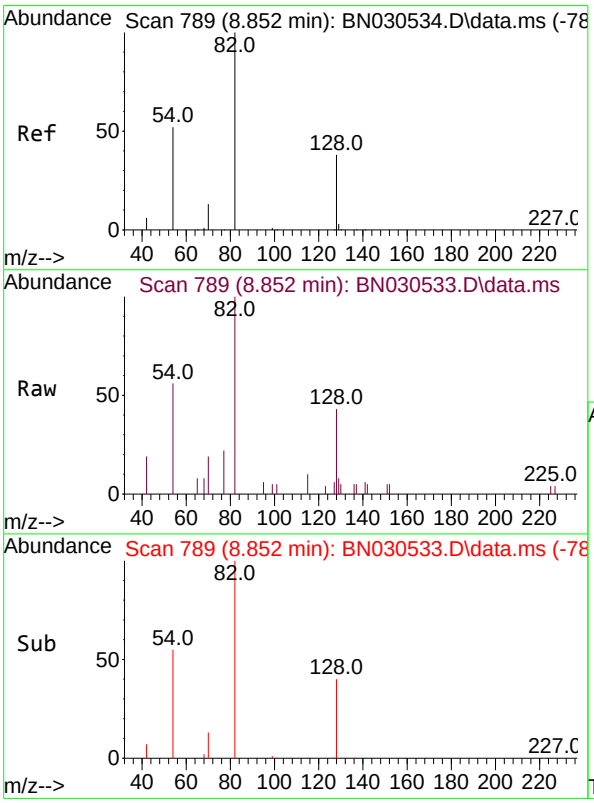
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.485 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 15857

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.5	6.4	9.6
68	7.0	5.4	8.0

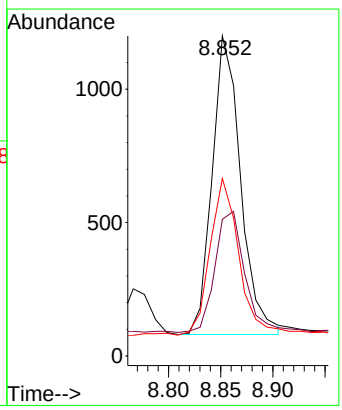


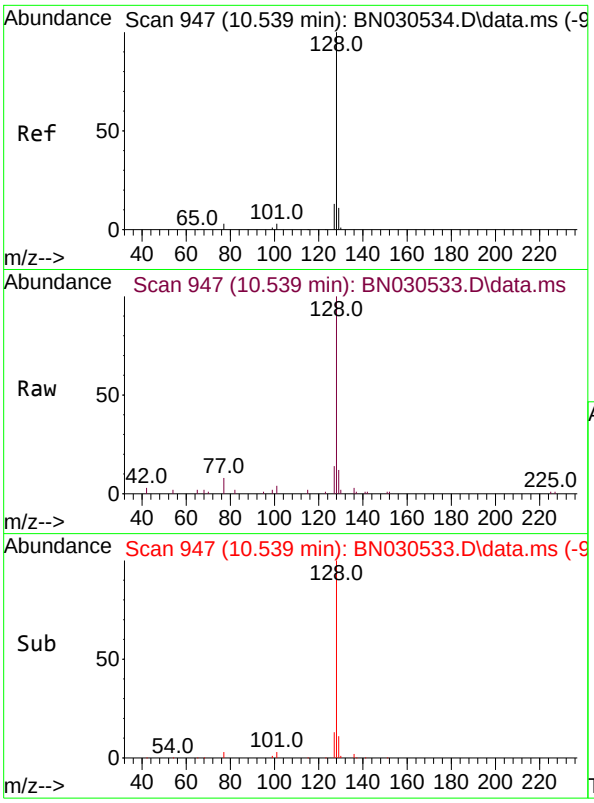


#8
Nitrobenzene-d5
Concen: 0.201 ng
RT: 8.852 min Scan# 789
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Tgt Ion: 82 Resp: 2128

Ion	Ratio	Lower	Upper
82	100		
128	42.7	32.3	48.5
54	55.5	42.7	64.1



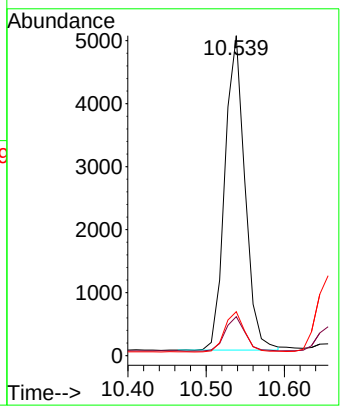


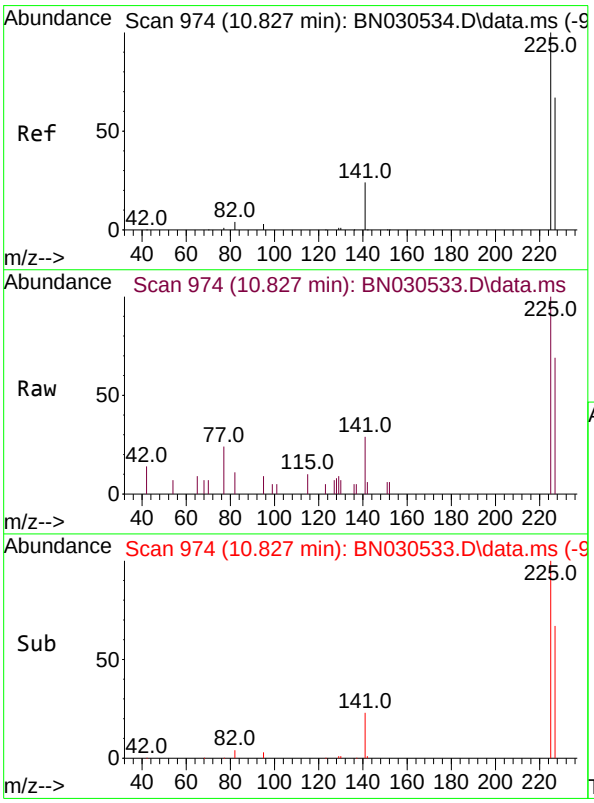
#9
Naphthalene
Concen: 0.206 ng
RT: 10.539 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 8890

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.0	13.6
127	13.8	10.5	15.7

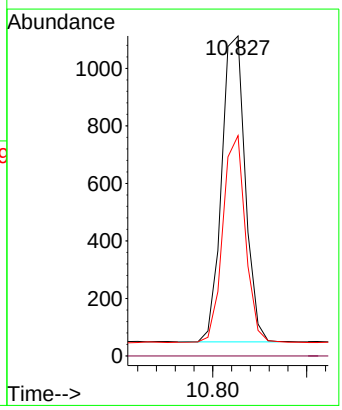


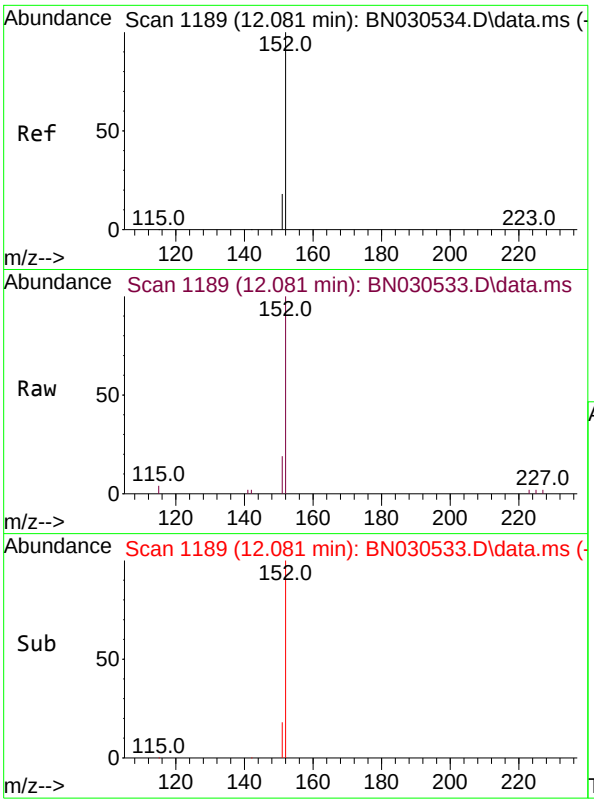


#10
Hexachlorobutadiene
Concen: 0.207 ng
RT: 10.827 min Scan# 974
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Tgt Ion:225 Resp: 1855

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.9	51.4	77.2



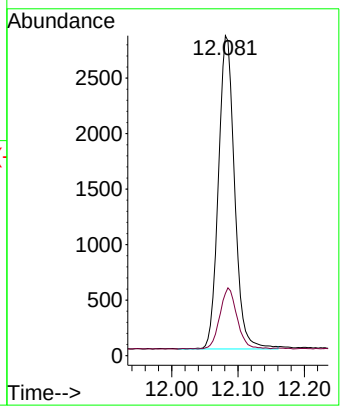


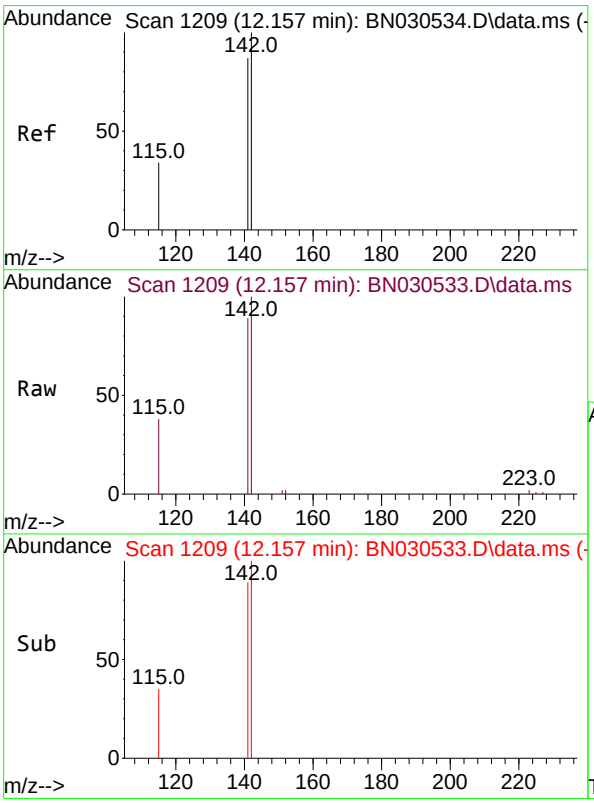
#11
2-Methylnaphthalene-d10
Concen: 0.203 ng
RT: 12.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4771

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.7	25.1

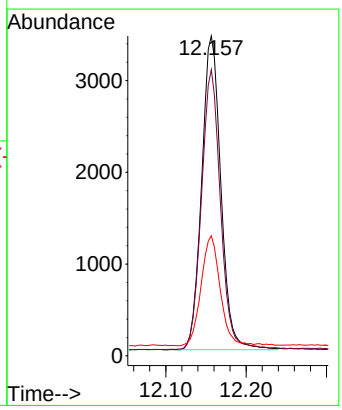


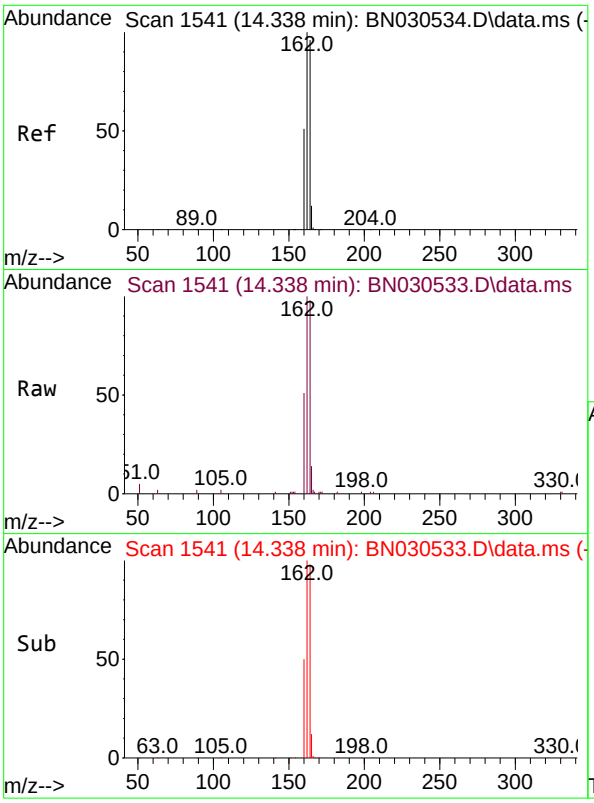


#12
2-Methylnaphthalene
Concen: 0.203 ng
RT: 12.157 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Tgt Ion:142 Resp: 5673

Ion	Ratio	Lower	Upper
142	100		
141	89.4	69.8	104.8
115	37.5	28.3	42.5





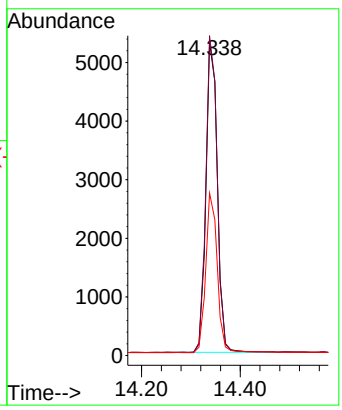
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.338 min Scan# 1

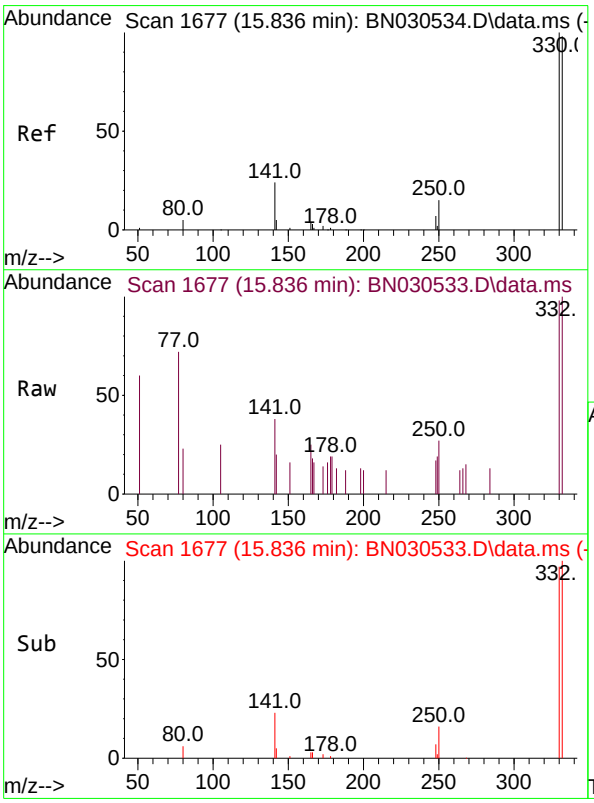
Instrument :
BNA_N
ClientSampleId :

Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Tgt Ion:164 Resp: 8500

Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.5	125.3
160	51.9	42.5	63.7

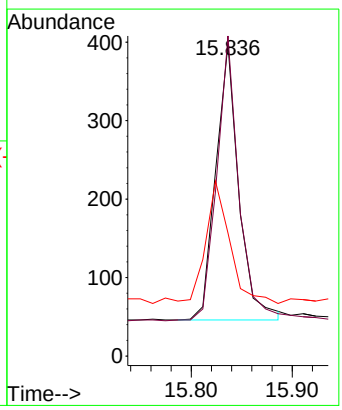


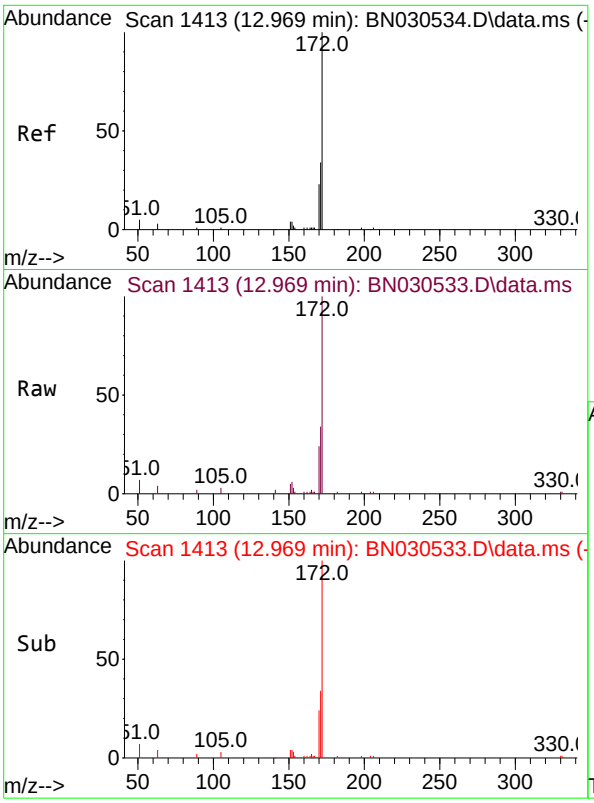


#14
2,4,6-Tribromophenol
Concen: 0.198 ng
RT: 15.836 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Tgt Ion:330 Resp: 557

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	47.4	35.9	53.9



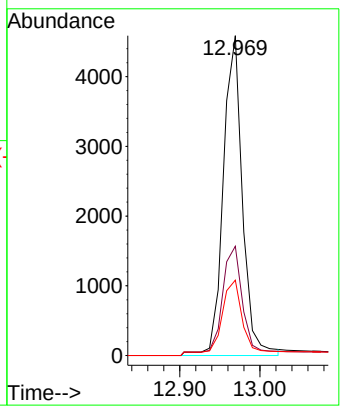


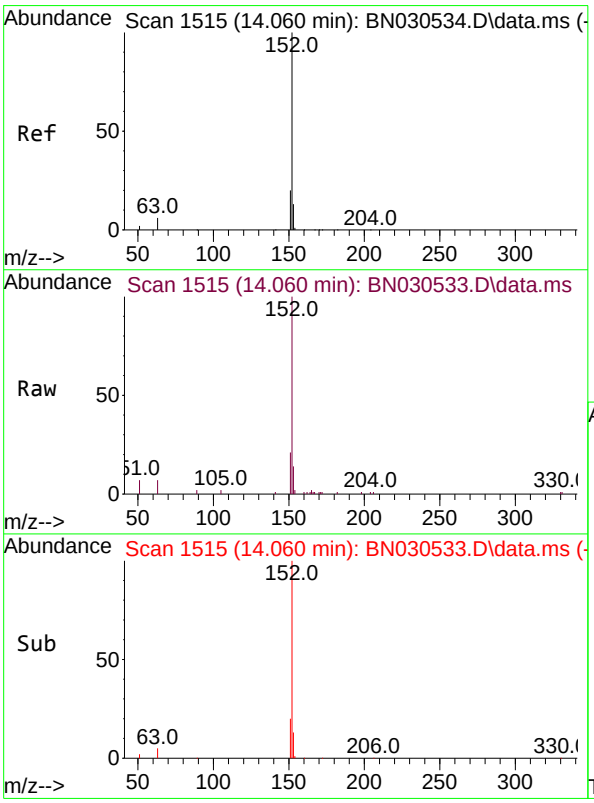
#15
2-Fluorobiphenyl
Concen: 0.207 ng
RT: 12.969 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 6875

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.1	40.7
170	23.6	18.3	27.5

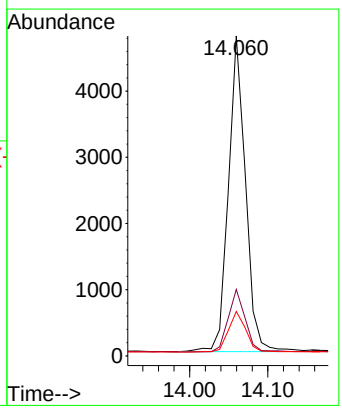


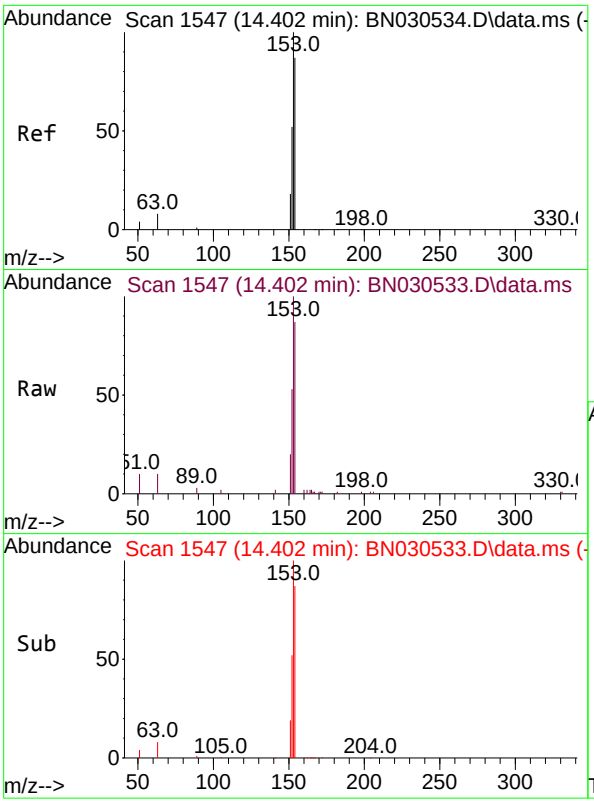


#16
Acenaphthylene
Concen: 0.203 ng
RT: 14.060 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Tgt Ion:152 Resp: 7244

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	13.1	10.3	15.5





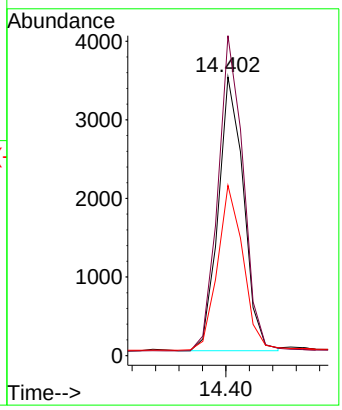
#17
Acenaphthene
Concen: 0.204 ng
RT: 14.402 min Scan# 1

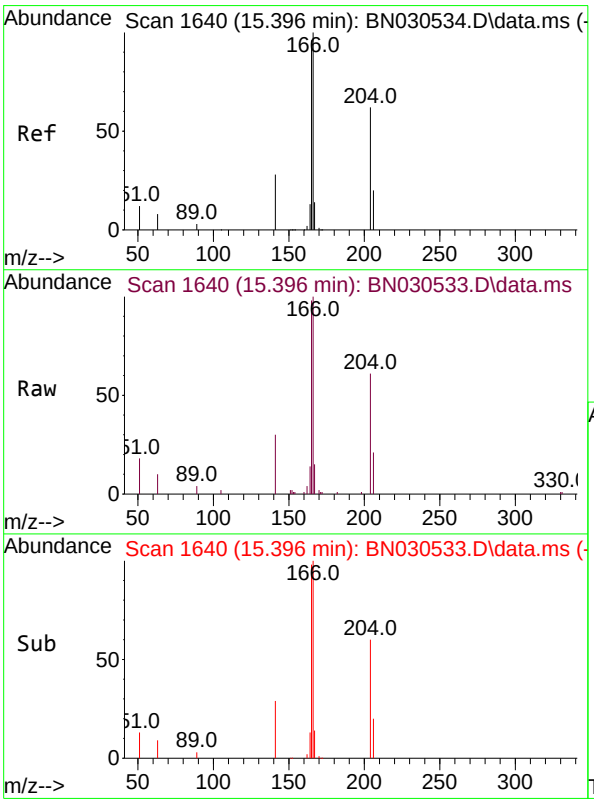
Instrument :
BNA_N
ClientSampleId :

Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Tgt Ion:154 Resp: 5218

Ion	Ratio	Lower	Upper
154	100		
153	115.4	91.0	136.6
152	61.3	47.8	71.6

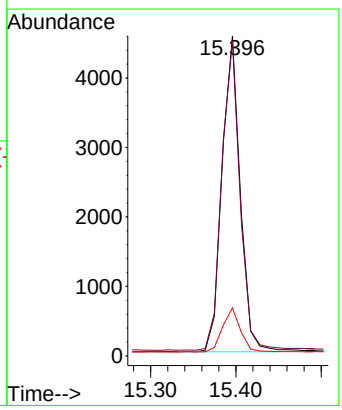


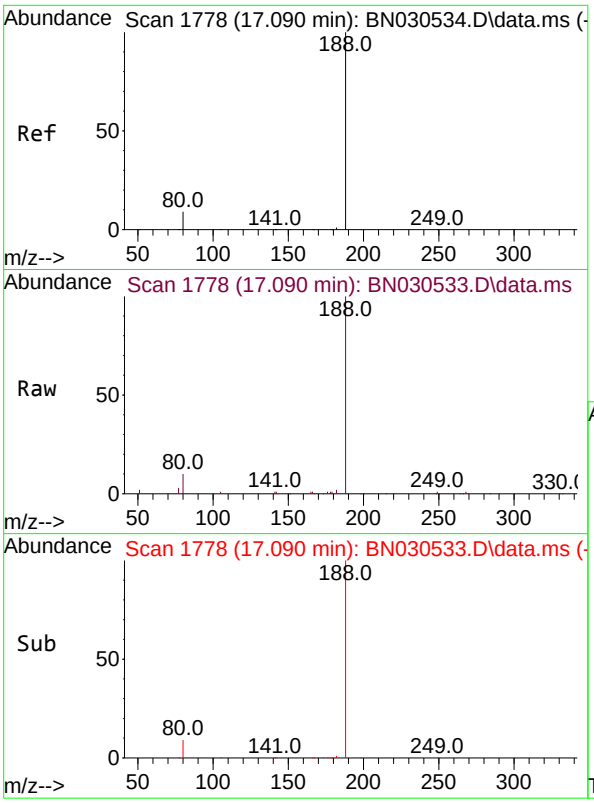


#18
Fluorene
Concen: 0.203 ng
RT: 15.396 min Scan# 1640
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Tgt Ion:166 Resp: 6755

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.9	116.9
167	13.6	10.8	16.2



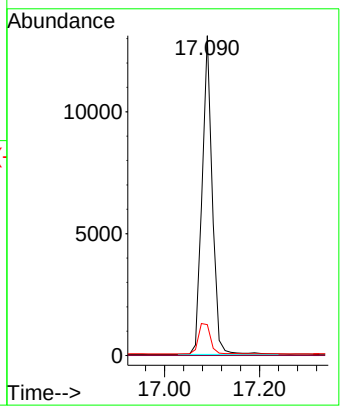


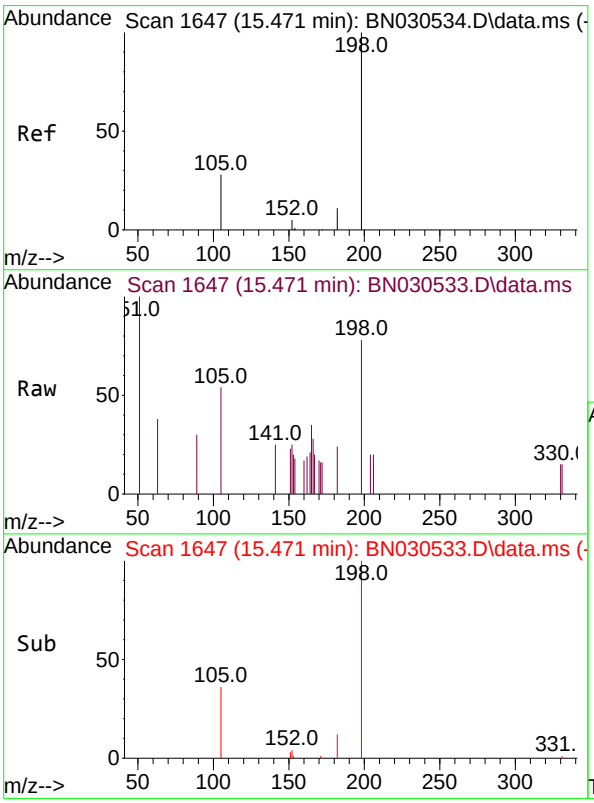
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.090 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 19388

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	7.4	11.0

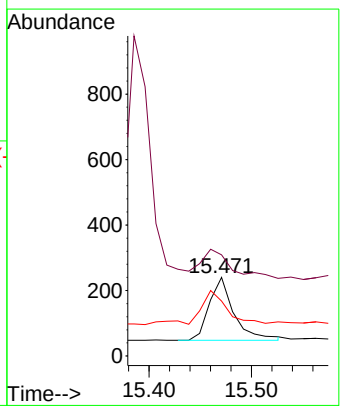


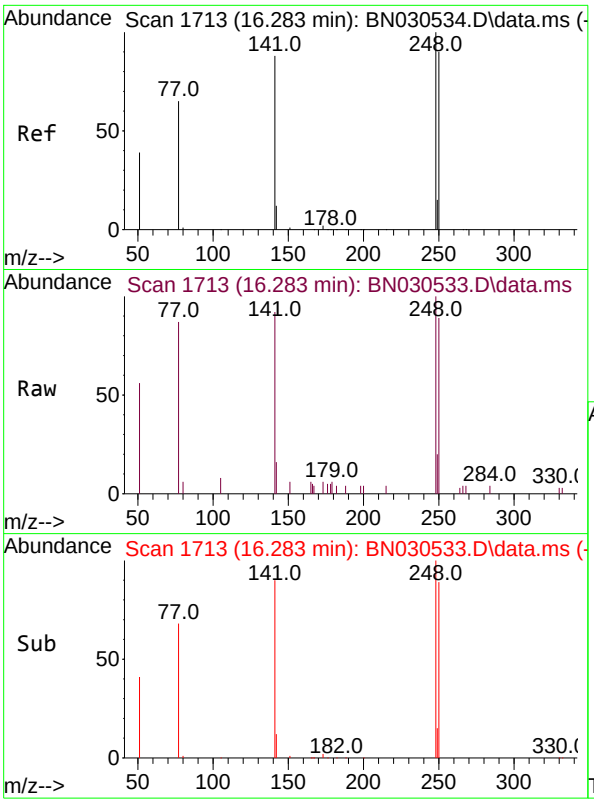


#20
4,6-Dinitro-2-methylphenol
Concen: 0.181 ng
RT: 15.471 min Scan# 1647
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Tgt Ion:198 Resp: 326

Ion	Ratio	Lower	Upper
198	100		
51	128.8	57.8	86.6#
105	70.0	37.5	56.3#



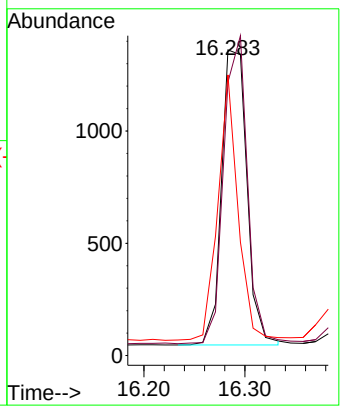


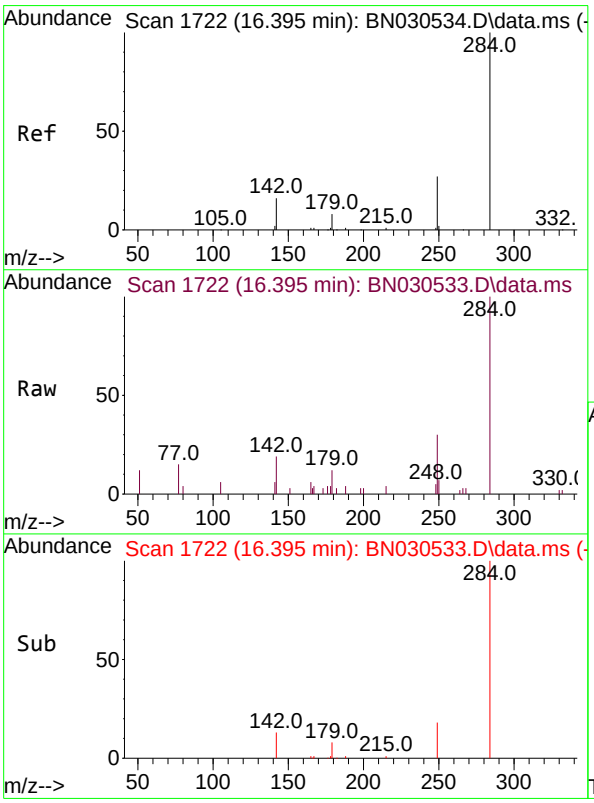
#21
4-Bromophenyl-phenylether
Concen: 0.203 ng
RT: 16.283 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 2292

Ion	Ratio	Lower	Upper
248	100		
250	89.5	72.2	108.2
141	91.8	71.1	106.7

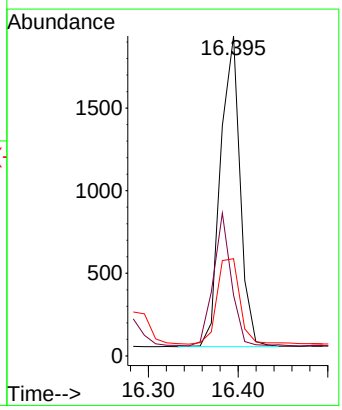


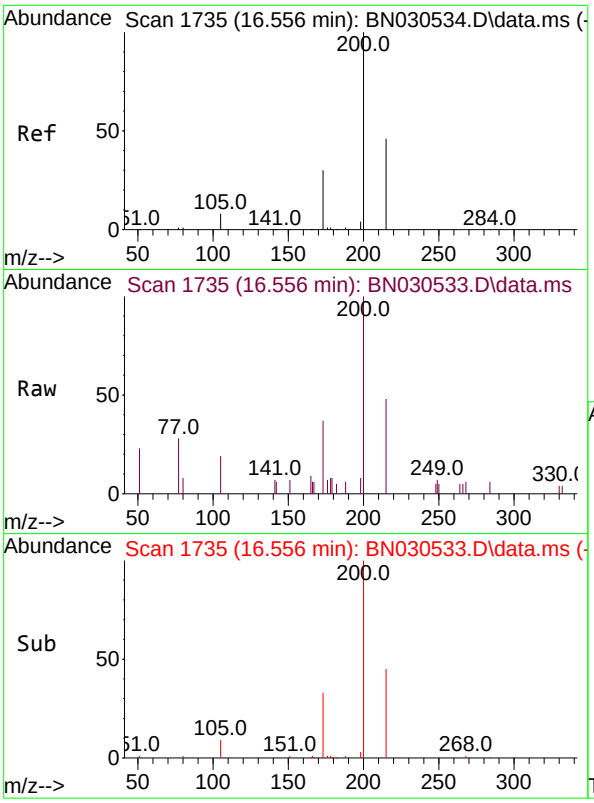


#22
Hexachlorobenzene
Concen: 0.206 ng
RT: 16.395 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Tgt Ion:284 Resp: 2841

Ion	Ratio	Lower	Upper
284	100		
142	39.2	31.8	47.6
249	32.0	25.8	38.6



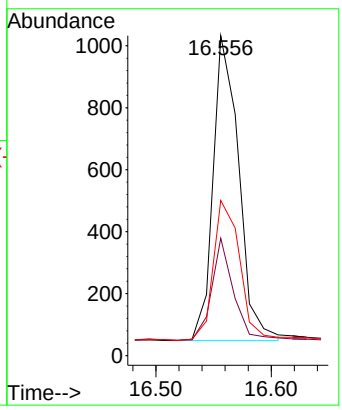


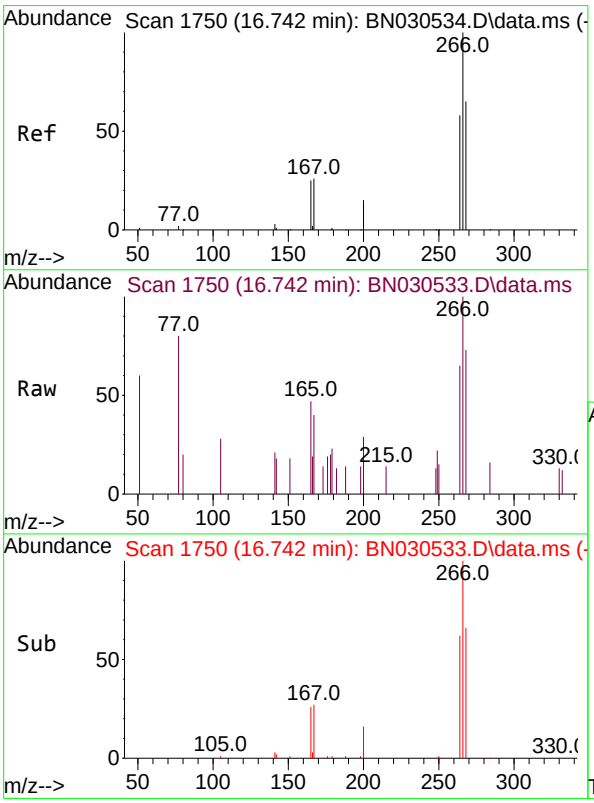
#23
Atrazine
Concen: 0.196 ng
RT: 16.556 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 1520

Ion	Ratio	Lower	Upper
200	100		
173	36.7	25.0	37.6
215	48.5	37.4	56.2

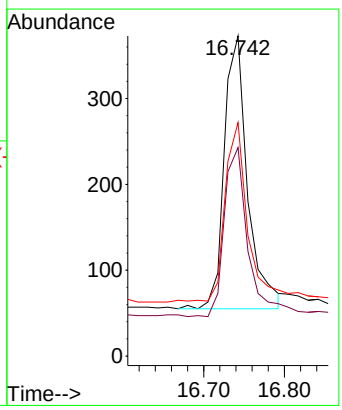


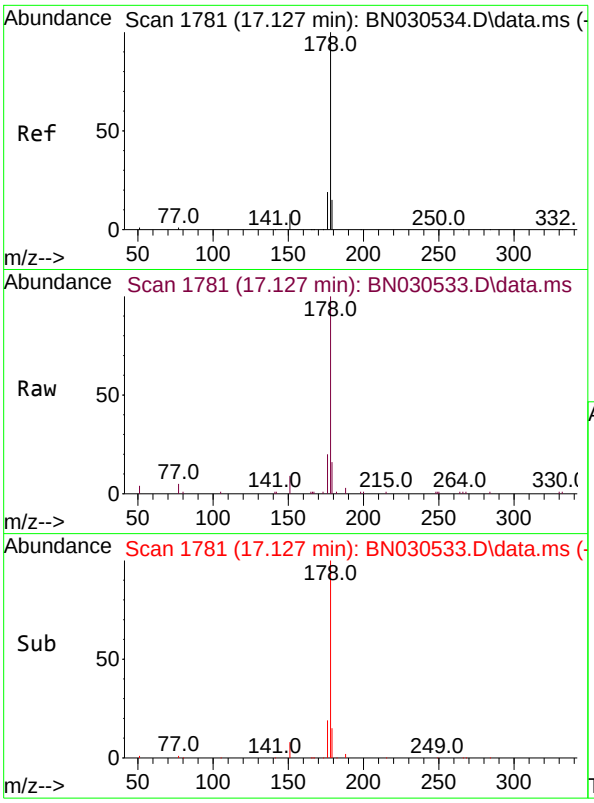


#24
Pentachlorophenol
Concen: 0.187 ng
RT: 16.742 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Tgt Ion:266 Resp: 639

Ion	Ratio	Lower	Upper
266	100		
264	61.7	48.7	73.1
268	61.5	49.5	74.3



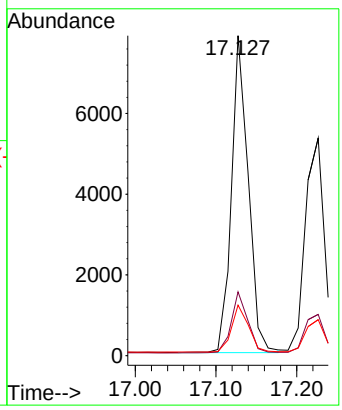


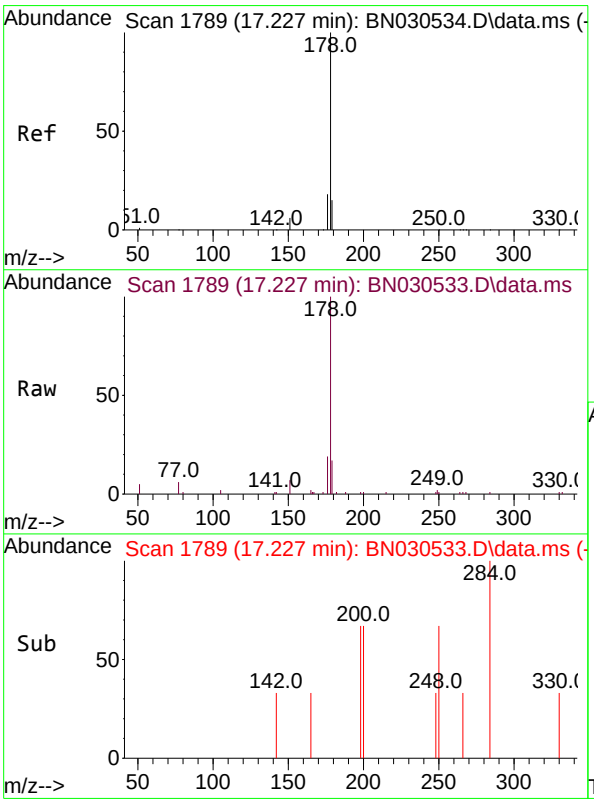
#25
Phenanthrene
Concen: 0.204 ng
RT: 17.127 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 11368

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.0	12.4	18.6

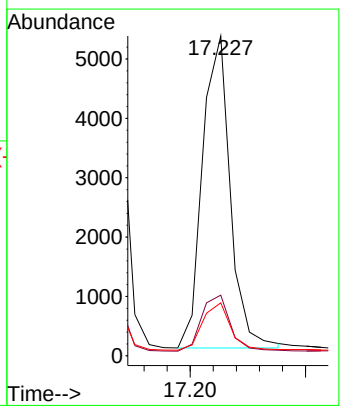


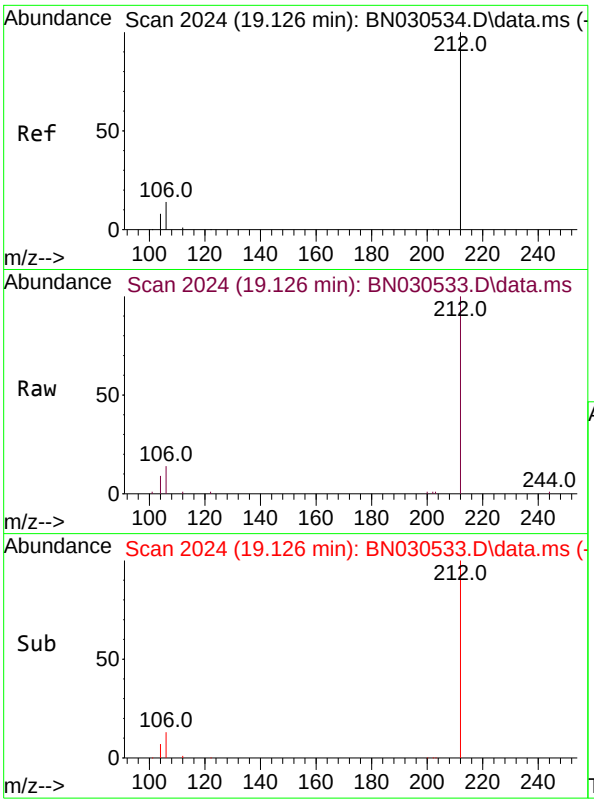


#26
Anthracene
Concen: 0.199 ng
RT: 17.227 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Tgt Ion:178 Resp: 8798

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.2	12.2	18.4



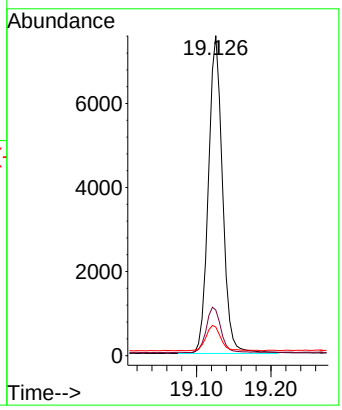


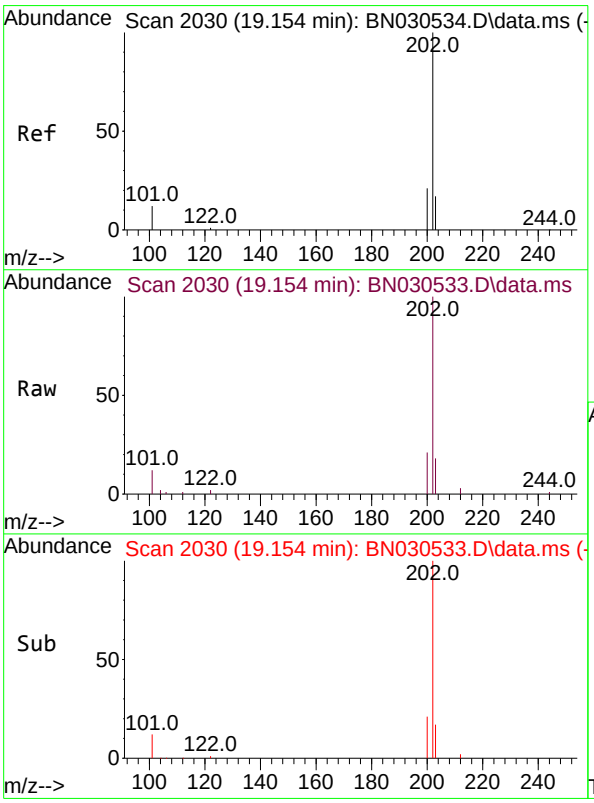
#27
Fluoranthene-d10
Concen: 0.202 ng
RT: 19.126 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 9972

Ion	Ratio	Lower	Upper
212	100		
106	14.7	11.8	17.6
104	8.4	6.6	9.8

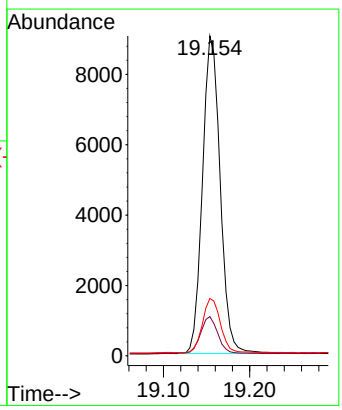


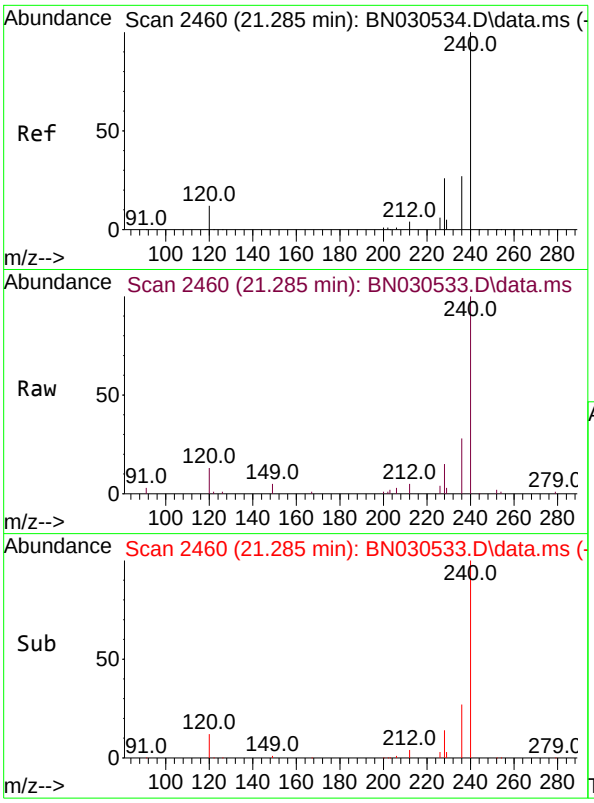


#28
Fluoranthene
Concen: 0.199 ng
RT: 19.154 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Tgt Ion:202 Resp: 12886

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.4	14.0
203	17.2	13.7	20.5



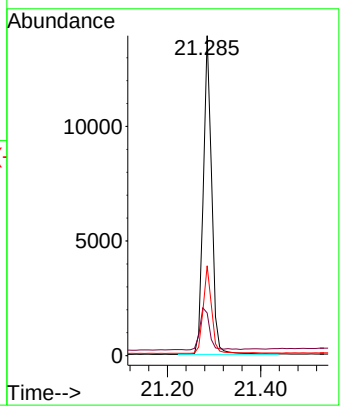


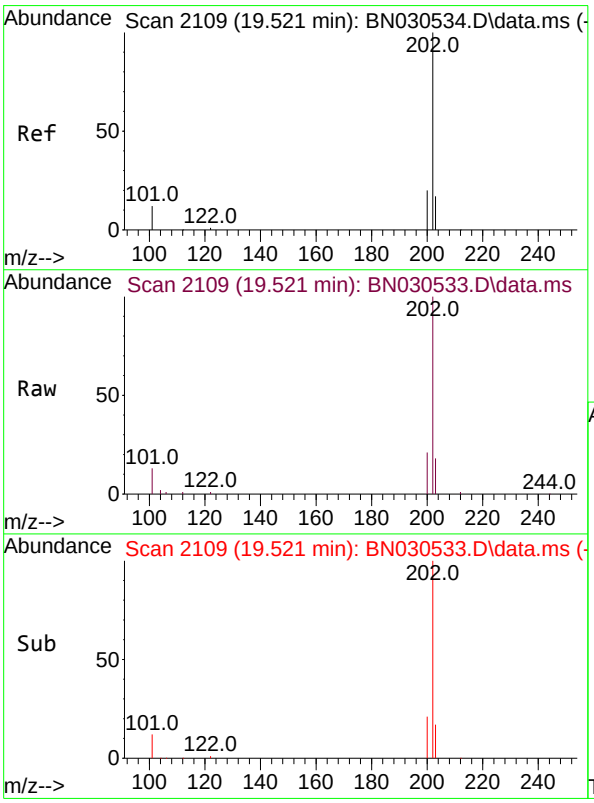
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.285 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 17242

Ion	Ratio	Lower	Upper
240	100		
120	13.3	10.6	15.8
236	28.1	22.1	33.1

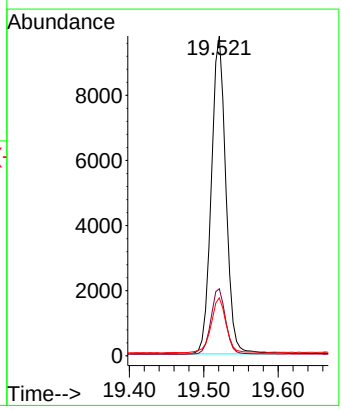


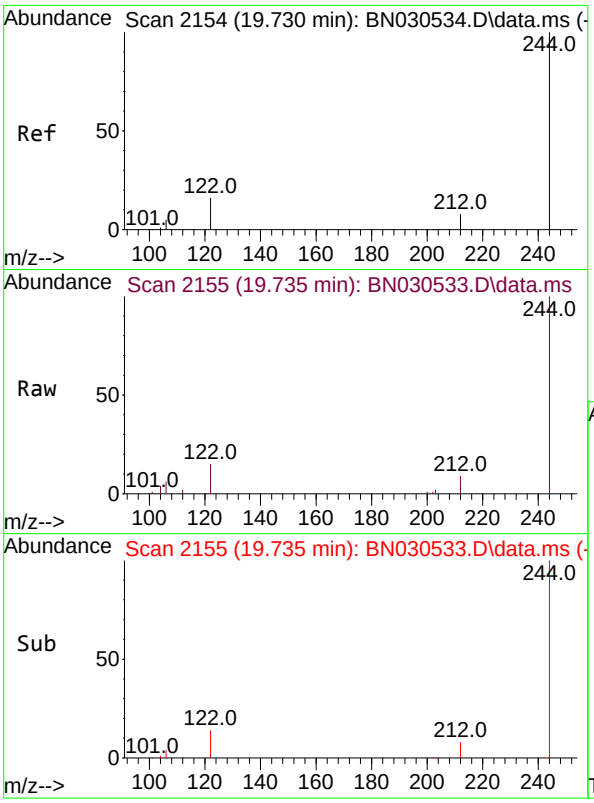


#30
Pyrene
Concen: 0.201 ng
RT: 19.521 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Tgt Ion:202 Resp: 13249

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.8	14.2	21.4



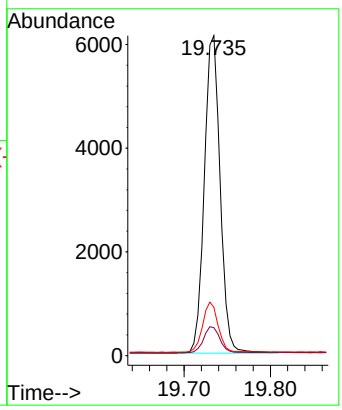


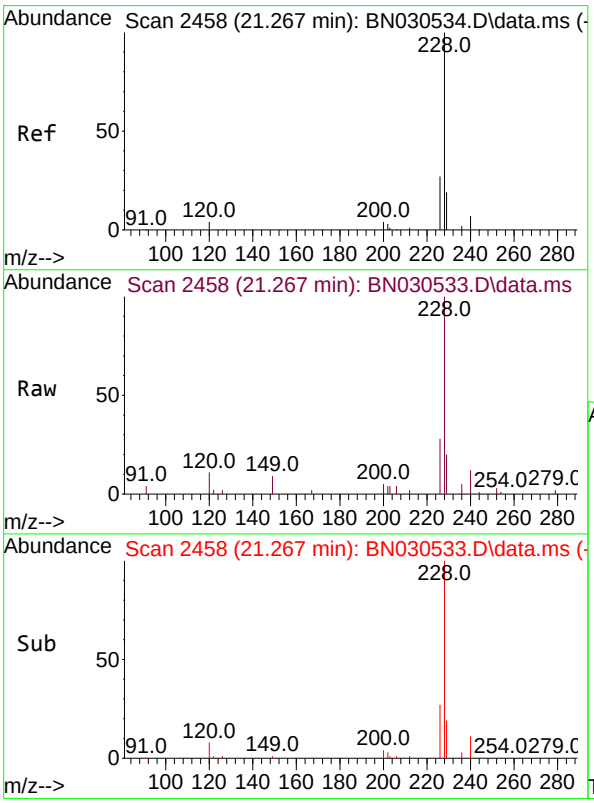
#31
Terphenyl-d14
Concen: 0.198 ng
RT: 19.735 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 7800

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.9	10.3
122	15.1	12.7	19.1

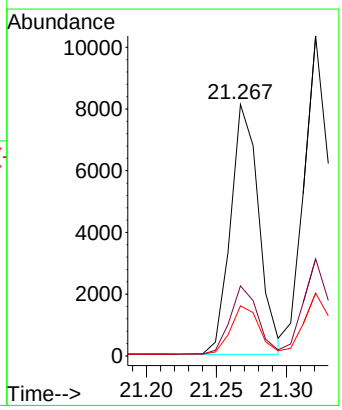


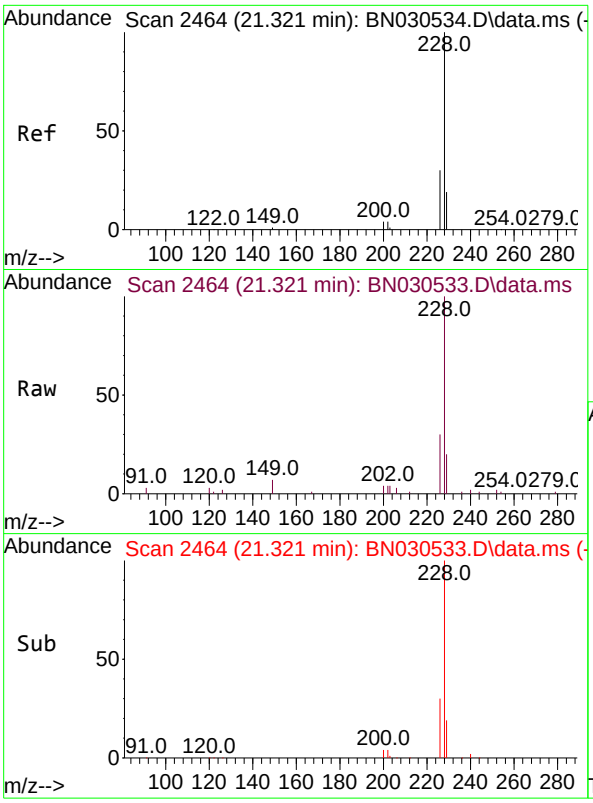


#32
Benzo(a)anthracene
Concen: 0.196 ng
RT: 21.267 min Scan# 2458
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Tgt Ion:228 Resp: 11329

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.8
229	19.9	15.4	23.2



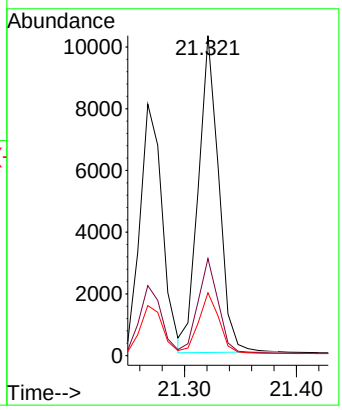


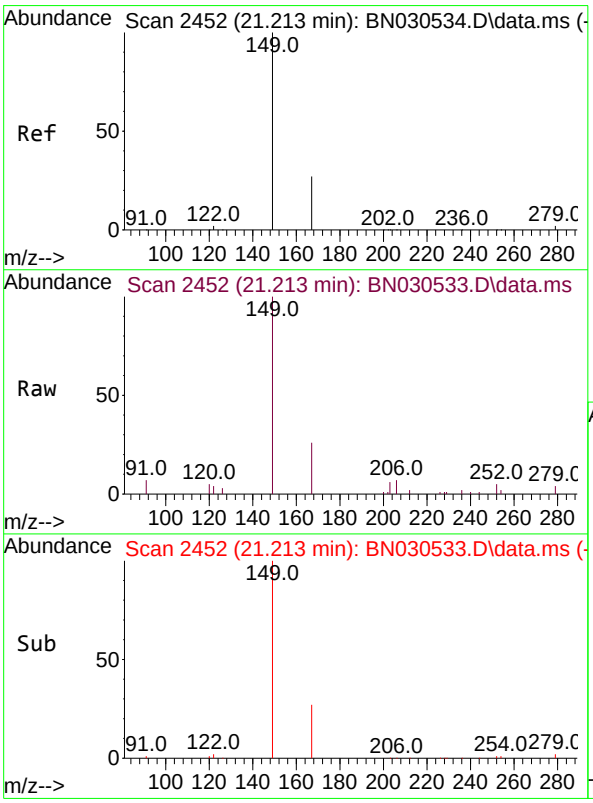
#33
Chrysene
Concen: 0.200 ng
RT: 21.321 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 13007

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.3	36.5
229	19.6	15.8	23.6

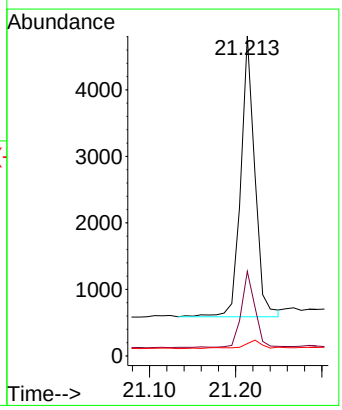


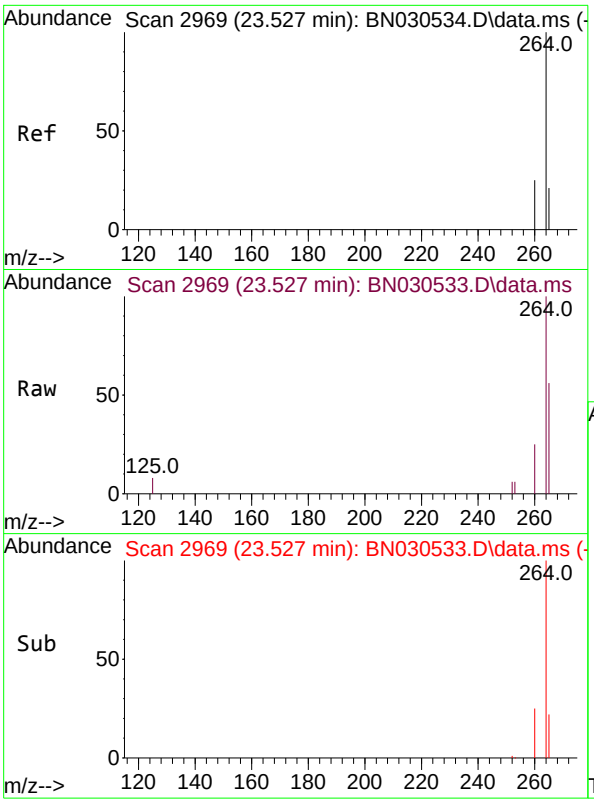


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.203 ng
RT: 21.213 min Scan# 2452
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Tgt Ion:149 Resp: 4787

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.4	32.0
279	4.4	2.3	3.5#



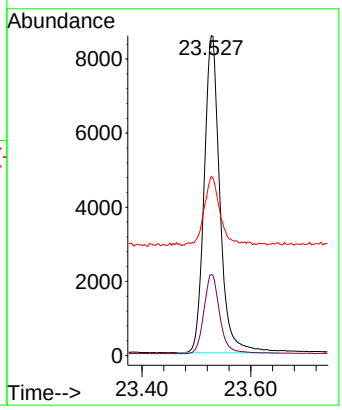


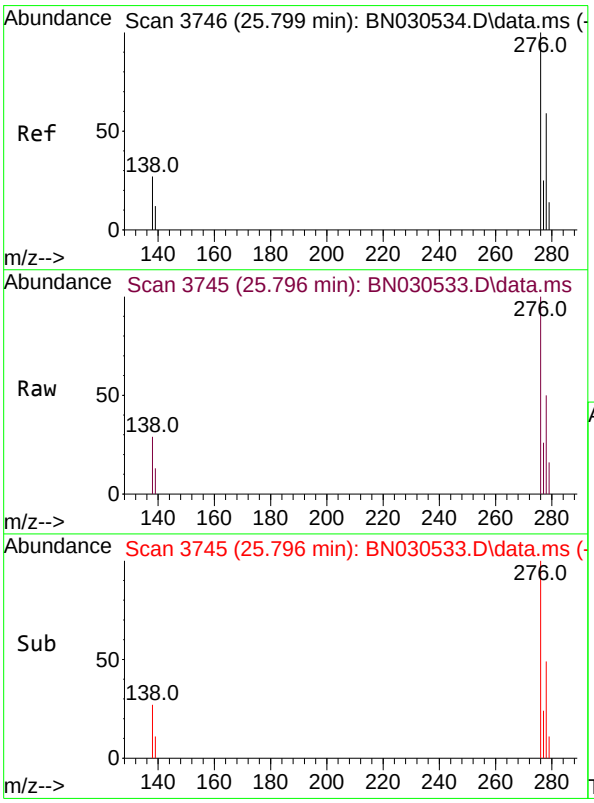
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.527 min Scan# 29
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 17264

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.6	30.8
265	56.0	41.8	62.8

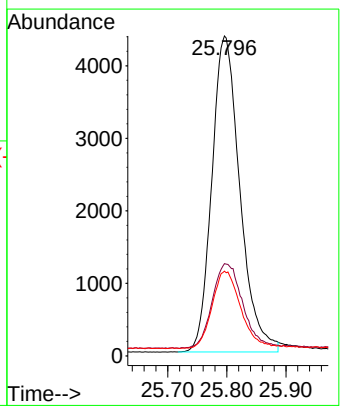


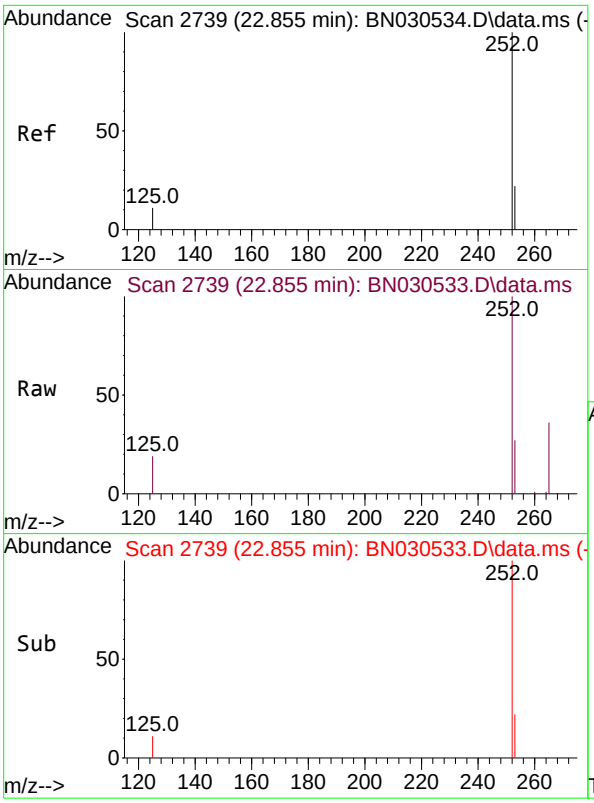


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.200 ng
RT: 25.796 min Scan# 3745
Delta R.T. -0.003 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Tgt Ion:276 Resp: 14369

Ion	Ratio	Lower	Upper
276	100		
138	29.2	23.0	34.4
277	25.0	20.1	30.1



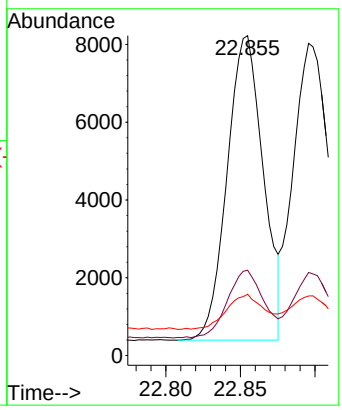


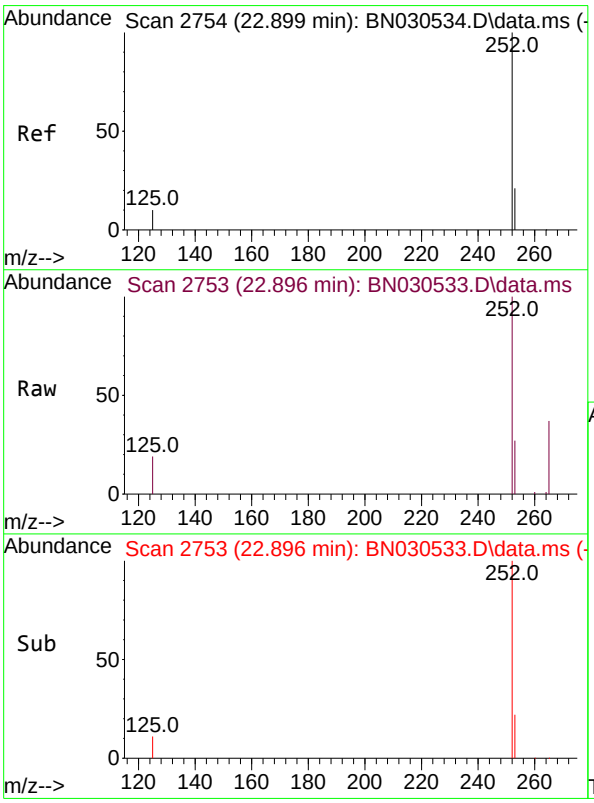
#37
Benzo(b)fluoranthene
Concen: 0.196 ng
RT: 22.855 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 13186

Ion	Ratio	Lower	Upper
252	100		
253	26.7	19.2	28.8
125	19.2	11.7	17.5#

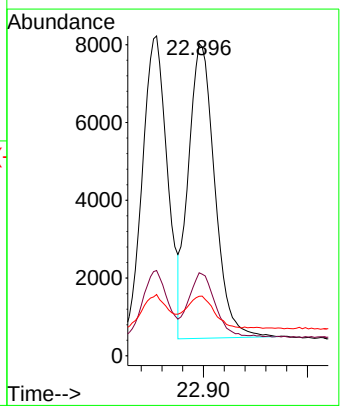


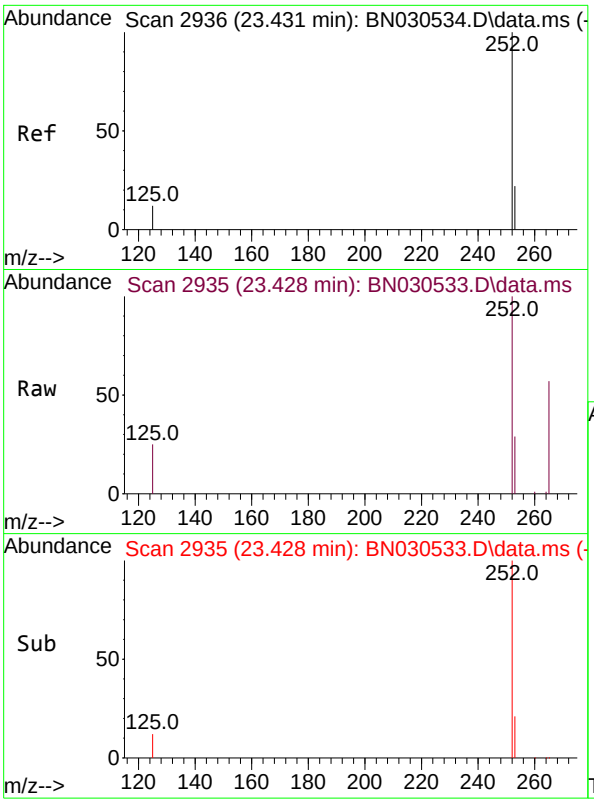


#38
Benzo(k)fluoranthene
Concen: 0.197 ng
RT: 22.896 min Scan# 2753
Delta R.T. -0.003 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Tgt Ion:252 Resp: 13370

Ion	Ratio	Lower	Upper
252	100		
253	26.6	18.9	28.3
125	19.1	11.5	17.3#



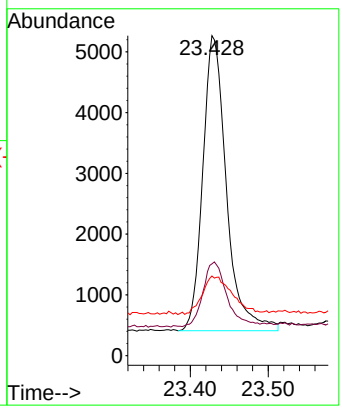


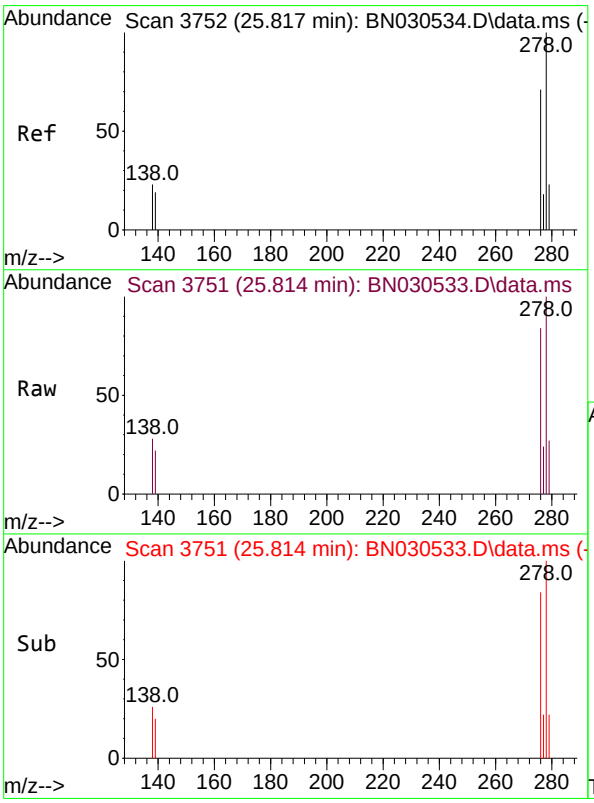
#39
Benzo(a)pyrene
Concen: 0.195 ng
RT: 23.428 min Scan# 29
Delta R.T. -0.003 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10247

Ion	Ratio	Lower	Upper
252	100		
253	28.7	20.0	30.0
125	24.9	14.3	21.5#

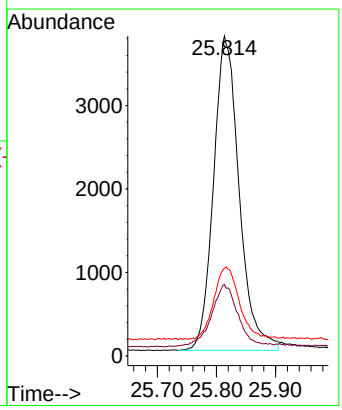


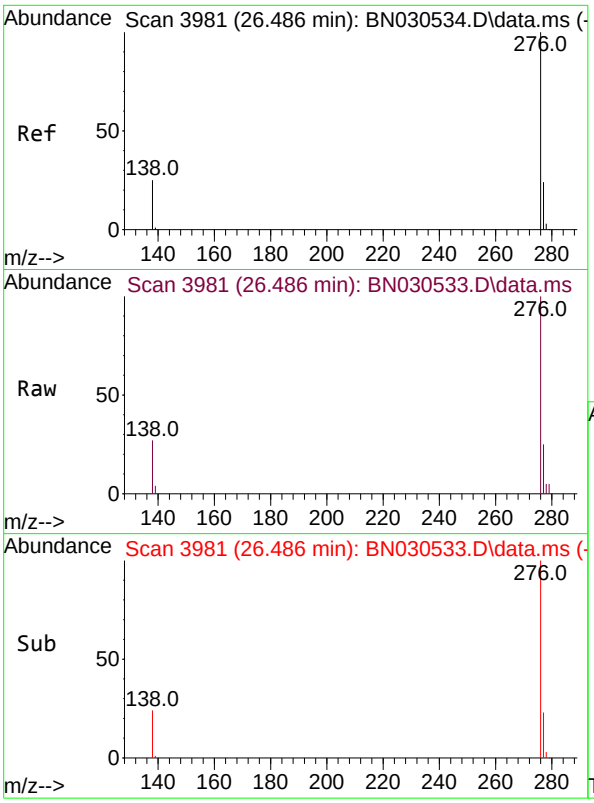


#40
Dibenzo(a,h)anthracene
Concen: 0.199 ng
RT: 25.814 min Scan# 3751
Delta R.T. -0.003 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Tgt Ion:278 Resp: 11335

Ion	Ratio	Lower	Upper
278	100		
139	22.3	16.2	24.2
279	27.4	20.6	30.8





#41
Benzo(g,h,i)perylene
Concen: 0.203 ng
RT: 26.486 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN030533.D
Acq: 29 Mar 2024 16:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 12687

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.8	29.6
138	26.8	20.6	31.0